

I. PROJECT DESCRIPTION

THIS PORTION OF THE PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL AND LANE CONFIGURATION FOR WB/SB KILMER ST AT MD 202 (LANDOVER RD.) AND KILMER ST. INTERSECTION IN PRINCE GEORGE'S COUNTY.

II. INTERSECTION OPERATIONS

THIS INTERSECTION WILL OPERATE IN A NEMA SIX PHASE OPERATION FULLY-ACTUATED MODE WITH MD 202 OPERATING WITH PROTECTED/PERMISSIVE LEFT TURN PHASES. THE SIDE STREET WILL OPERATE AS A SIDE STREET SPLIT PHASE.

III. CONTROLLER REQUIREMENTS

THE EXISTING CABINET AND CONTROLLER ARE TO BE UTILIZED.

IV. GENERAL NOTES

1. ACCESS FOR EMERGENCY VEHICLES MUST BE ALLOWED AT ALL TIMES.
2. ANY CONFLICTING SIGNS IN THE VICINITY OF THE INTERSECTION SHALL BE REMOVED.
3. FOR FINAL PAVEMENT MARKINGS REFER TO THE PROJECT PAVEMENT PLANS.
4. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE STANDARD PLATES FOR TRAFFIC CONTROL.

V. CONTACT PERSONS

1. THE FOLLOWING CONTACT PERSONS FOR DISTRICT #3 AND OOTS ARE AS FOLLOWS:

PROJECT CONTACTS:

Mr. Venu Nemani  
Assistant District Engineer - Traffic  
Phone: (301) 513-7404

Mr. Victor Grafton  
Utilities Engineer  
Phone: (301) 513-7350

Mr. Tom Fountain  
Assistant District Engineer - Maintenance  
Phone: (301) 513-7304

Mr. Avijit Maji  
Chief, Traffic Operations  
Phone: (410) 787-7630

Mr. Edward Rodenhizer  
Signal Operations Manager  
Phone: (410) 787-7652

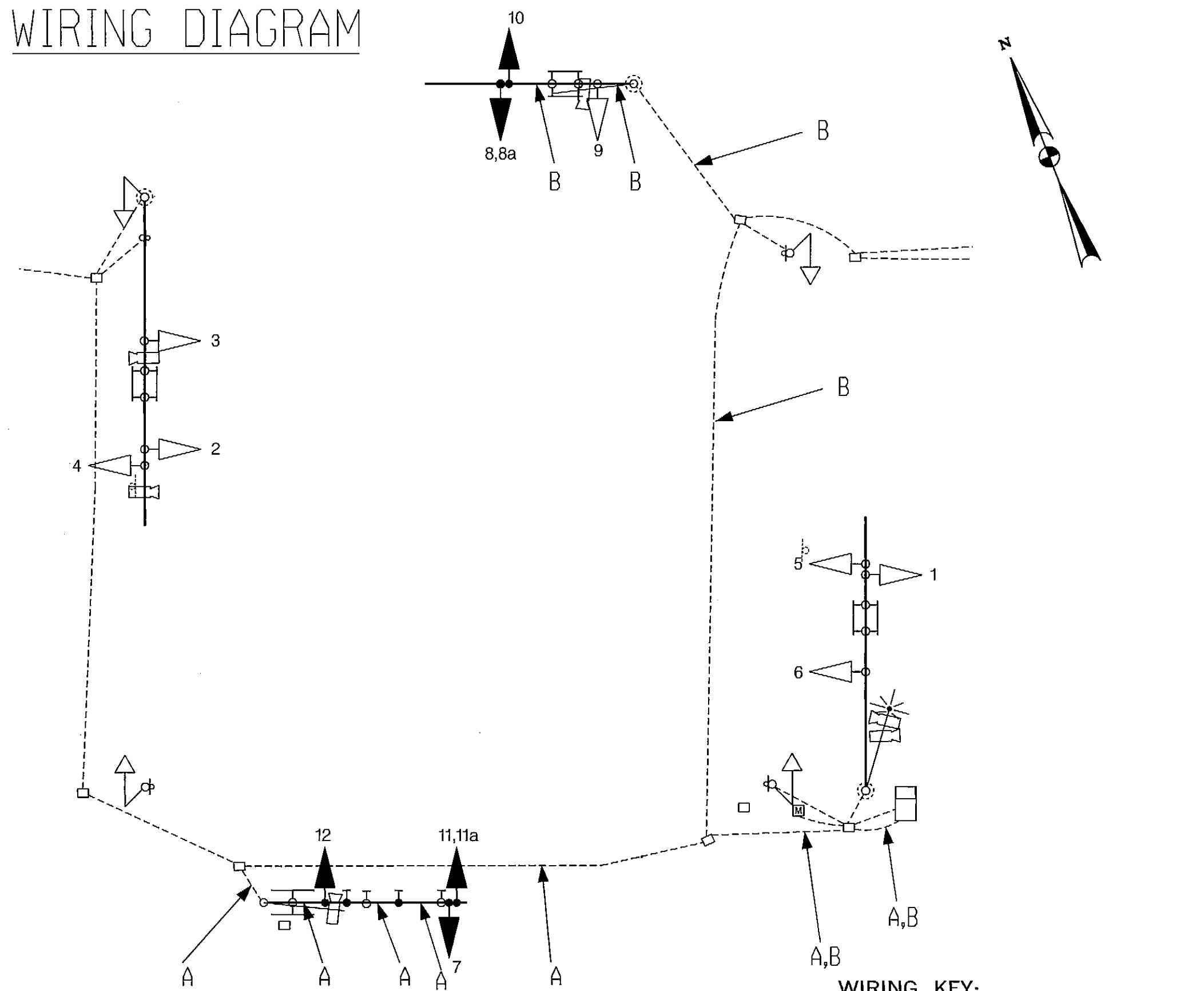
VI. EQUIPMENT LIST

- A. EQUIPMENT TO BE SUPPLIED BY THE STATE HIGHWAY ADMINISTRATION.  
(ALL EQUIPMENT TO BE FURNISHED AND INSTALLED BY CONTRACTOR)
- B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR

CATEGORY CODE NO.	QUANTITY	UNITS	DESCRIPTION
114280	500	LF	Pavement Marking Line Removal
114285	1	EA	Pavement Arrow Removal
120510	1	EA	Maintenance of Traffic
585408	200	LF	10" White Reflective Thermoplastic Pavement Marking
585412	60	LF	12" White Reflective Thermoplastic Pavement Marking
585431	400	LF	5" Double Yellow Reflective Thermoplastic Pavement Marking
585433	450	LF	5" White Solid Reflective Thermoplastic Pavement Marking
585627	5	EA	White Preformed Thermoplastic Pavement Marking Symbol
801130	1	EA	Square Perforated Tubular Steel Sign Support
801711	1	SF	Remove Existing Ground Mounted Signs and Supports
801605	35	SF	Sheet Aluminum Signs
			1 EA -- R3-5 (L) (30"x36")
			1 EA -- R3-6 (LTR) (30"x36")
			2 EA -- R3-8A (48"x30")
813023	1	EA	Relocate Existing Ground Mounted Signs
860284	16	EA	12" LED Vehicular Traffic Signal Head Section
801104	40	LF	4" x 4" Wood Sign Support
130850	1	EA	Mobilization

- C. EQUIPMENT TO BE RETURNED TO THE STATE HIGHWAY ADMINISTRATION.  
(ALL EQUIPMENT REMOVED IN ACCORDANCE WITH THESE PLANS BECOMES THE PROPERTY OF THE CONTRACTOR)

WIRING DIAGRAM



WIRING KEY:  
A.B. - 7-CONDUCTOR ELECTRICAL  
CABLE (NO. 14 AWG)

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12
PHASE 1+5	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 1+5 MAY CHANGE TO PHASE 1+6, PHASE 2+5 OR PHASE 2+6												
PHASE 1+6	R	R	R	R	R	R	R	R	R	R	R	R
1+6 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 2+5	R	R	R	R	R	R	R	R	R	R	R	R
2+5 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 2+6	R	R	R	R	R	R	R	R	R	R	R	R
2+6 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 3	R	R	R	R	R	R	R	R	R	R	R	R
3 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R
PHASE 4	R	R	R	R	R	R	R	R	R	R	R	R
4 CHANGE	R	R	R	R	R	R	R	R	R	R	R	R
FLASHING OPERATION	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL	FL

SHA

STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION  
MD 202 (LANDOVER RD)  
AT KILMER ST  
LANDOVER, MD

GENERAL INFORMATION SHEET

SCALE: 1" = 20' ADVERTISED DATE: 12-5-2012 CONTRACT NO: BW996M.82

DESIGNED BY: C. TIESLER COUNTY: PRINCE GEORGE'S  
DRAWN BY: R. McFADDEN LOGMILE: 160202.799  
CHECKED BY: B. NEVERS TMS NO.: L779  
F.A.P. NO.: TOD NO.:

TS NO. 310N DRAWING GI-01 OF 1 SHEET NO. 2 OF 3

K Kittelson & Associates, Inc.  
1850 Centennial Park Drive, Suite 130  
Reston, Virginia 20191 (703) 885 - 8970

PROFESSIONAL  
CERTIFICATION

I HEREBY CERTIFY  
THAT THESE DOCUMENTS  
WERE PREPARED OR  
APPROVED BY ME, AND  
THAT I AM A DULY  
LICENSED PROFESSIONAL  
ENGINEER UNDER THE  
LAWS OF THE STATE OF  
MARYLAND.

CHRISTOPHER B. TIESLER, PE  
LICENSE NO. 38493  
EXPIRATION DATE:  
02/25/2014



PLOTTED: Wednesday, December 05, 2012 AT 10:08 AM  
FILE: H:\proj\11733 - Landover Park Update - Reston\dwg\design\11733\_Sig-02.dgn